

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2004/000074

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C22C 21/00, C22F 1/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C22C, C22F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3827917 A (P.P. ZEIGLER ET AL), 6 August 1974 (06.08.1974), column 2, line 13 - column 3, line 45	1-6,7,8
A	--	9-11
X	US 6344096 B1 (STEPHEN F. BAUMANN ET AL), 5 February 2002 (05.02.2002), column 1, line 36 - line 56; column 3, line 25 - line 51	1-6,7,8
A	--	9-11

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

8 July 2004

Date of mailing of the international search report

13-07-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Nils Engnell/MP
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2004/000074

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4334935 A (LARRY R. MORRIS), 15 June 1982 (15.06.1982), column 1, line 1 - column 2, line 45	1-6,7,8
A	--	9-11
A	GB 1457697 A (SOUTHWIRE COMPANY), 8 December 1976 (08.12.1976), page 1, line 72 - page 2, line 41; page 4, line 18 - line 45	1-6,7-11
A	--	
A	US 4021271 A (SIDNEY G. ROBERTS), 3 May 1977 (03.05.1977), column 1, line 44 - column 2, line 59	1-6,7-11
A	--	
A	US 3852122 A (AKSEL OLA AARFLOT ET AL), 3 December 1974 (03.12.1974), column 2, line 19 - line 63	1-6,7-11
	--	

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/04/2004

International application No.

PCT/NO 2004/000074

US	3827917	A	06/08/1974	DE	2029584	A	23/12/1970
				GB	1286720	A	23/08/1972
				JP	48037492	B	12/11/1973

US	6344096	B1	05/02/2002	NONE			
----	---------	----	------------	------	--	--	--

US	4334935	A	15/06/1982				
----	---------	---	------------	--	--	--	--

AU	541329	B	03/01/1985
AU	6976181	A	05/11/1981
BR	8102605	A	19/01/1982
CA	1137391	A	14/12/1982
DE	3168588	D	00/00/0000
EP	0039211	A,B	04/11/1981
ES	501678	A	01/04/1982
ES	8203975	A	16/07/1982
GB	2075059	A,B	11/11/1981
JP	1512058	C	09/08/1989
JP	56169758	A	26/12/1981
JP	63057492	B	11/11/1988
MX	154956	A	14/01/1988
ZA	8102645	A	28/04/1982

GB	1457697	A	08/12/1976				
----	---------	---	------------	--	--	--	--

IT	1046736	B	31/07/1980
ZA	7401430	A	26/02/1975

US	4021271	A	03/05/1977	NONE			
----	---------	---	------------	------	--	--	--

US	3852122	A	03/12/1974				
----	---------	---	------------	--	--	--	--

AT	210273	A	15/04/1975
AT	327573	B	10/02/1976
AU	474737	B	29/07/1976
AU	5298773	A	12/09/1974
BR	7301720	D	00/00/0000
CA	992358	A	06/07/1976
CH	598355	A	28/04/1978
DE	2311509	A	13/09/1973
ES	412459	A	01/01/1976
FR	2175850	A,B	26/10/1973
GB	1419691	A	31/12/1975
IN	138730	A	20/03/1976
IT	980423	B	30/09/1974
JP	49001418	A	08/01/1974
NL	7303409	A	12/09/1973
NO	131035	B,C	16/12/1974
RO	62272	A	15/08/1977
SE	396774	B,C	03/10/1977